103 GLENDALE ROAD STRATFORD, CONNECTICUT

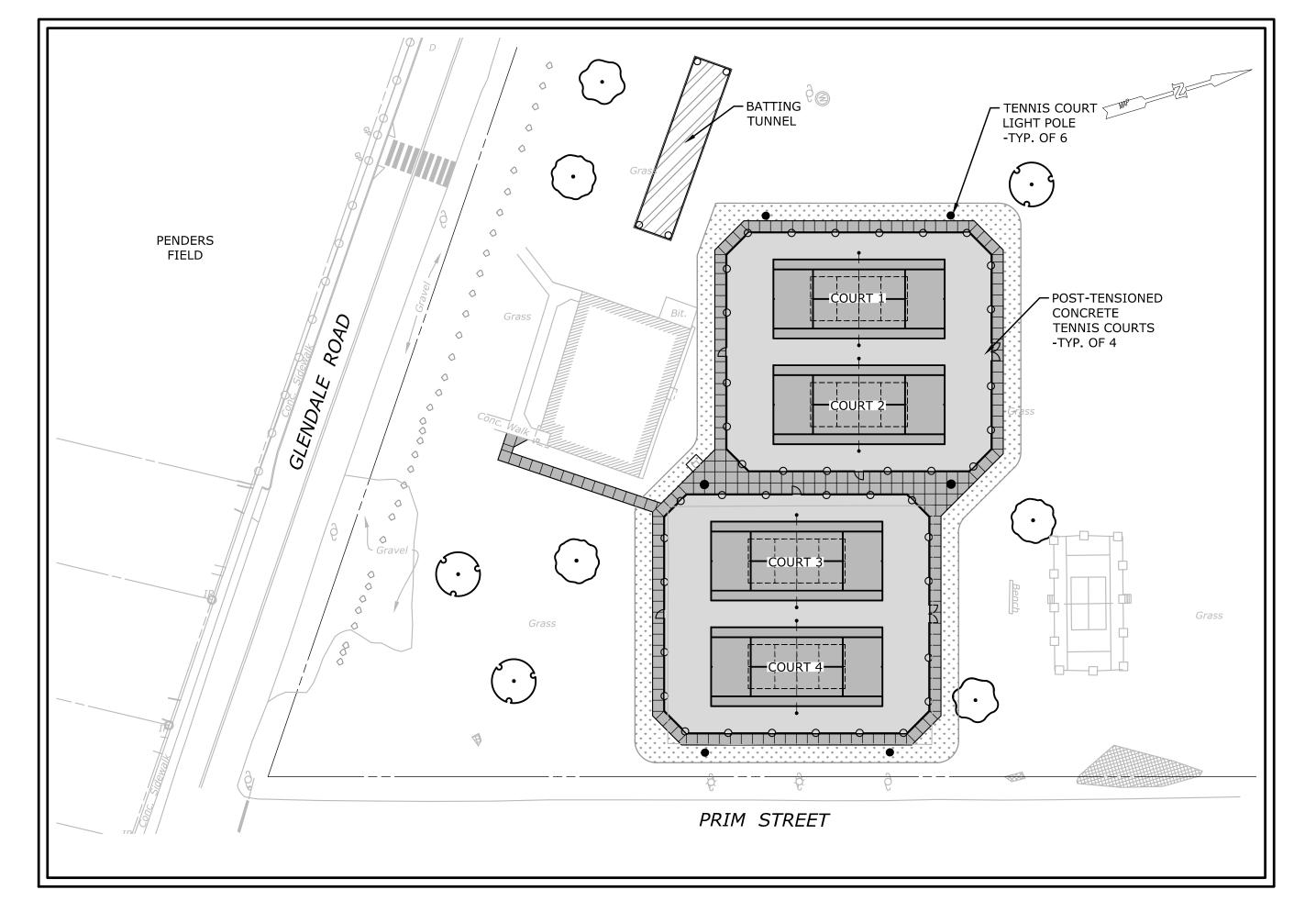
ISSUED FOR CONSTRUCTION DECEMBER 16, 2021

GENERAL NOTES

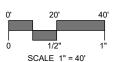
- . TOPOGRAPHIC INFORMATION IS TAKEN FROM A MAP PREPARED BY: SLR INTERNATIONAL CORPORATION, ENTITLED: 'PARTIAL PROPERTY SURVEY/TOPOGRAPHIC SURVEY', DRAWN AT A SCALE OF 1"=20', DATED: JANUARY 22, 2021.
- 2. INFORMATION REGARDING THE LOCATION OF EXISTING UTILITIES HAS BEEN BASED UPON AVAILABLE INFORMATION AND MAY BE INCOMPLETE, AND WHERE SHOWN SHOULD BE CONSIDERED APPROXIMATE. THE LOCATION OF ALL EXISTING UTILITIES SHOULD BE CONFIRMED PRIOR TO BEGINNING CONSTRUCTION. CALL "CALL BEFORE YOU DIG", 1-800-922-4455. ALL UTILITY LOCATIONS THAT DO NOT MATCH THE VERTICAL OR HORIZONTAL CONTROL SHOWN ON THE PLANS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
- 3. SLR INTERNATIONAL CORPORATION ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY OTHERS.
- 4. ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- 5. SEDIMENT AND EROSION CONTROL MEASURES AS DEPICTED ON THESE PLANS AND DESCRIBED WITHIN THE SEDIMENT AND EROSION CONTROL NARRATIVE SHALL BE IMPLEMENTED AND MAINTAINED UNTIL PERMANENT COVER AND STABILIZATION IS ESTABLISHED. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL CONFORM TO THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, CONNECTICUT 2002, AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL.
- 6. ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 6" TOPSOIL, AND BE SEEDED WITH GRASS, AS SHOWN ON THE PLANS.
- 7. ALL STORM DRAIN PIPE SHALL BE HIGH DENSITY POLYETHYLENE PIPE (HDPE) UNLESS OTHERWISE INDICATED.
- 8. ALL PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATE FINISHED GRADE.
- 9. ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE TOWN OF STRATFORD REQUIREMENTS AND TO THE APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION, FORM 817 AND AMENDMENTS
- 10. THE PLANS REQUIRE A CONTRACTOR'S WORKING KNOWLEDGE OF LOCAL, MUNICIPAL, WATER AUTHORITY, AND STATE CODES FOR UTILITY SYSTEMS. ANY CONFLICTS BETWEEN MATERIALS AND LOCATIONS SHOWN, AND LOCAL REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE EXECUTION OF WORK. THE ENGINEER WILL NOT BE HELD LIABLE FOR COSTS INCURRED TO IMPLEMENT OR CORRECT WORK WHICH DOES NOT CONFORM TO LOCAL CODE.
- 11. ALL FUEL, OIL, PAINT, OR OTHER HAZARDOUS MATERIALS SHOULD BE STORED IN A SECONDARY CONTAINER AND REMOVED TO A LOCKED INDOOR AREA WITH AN IMPERVIOUS FLOOR DURING NON-WORK HOURS.
- 12. COMPLIANCE WITH THE PERMIT CONDITIONS IS THE RESPONSIBILITY OF BOTH THE CONTRACTOR AND THE PERMITTEF.
- 13. THE CONTRACTOR MUST MAINTAIN (REPAIR/REPLACE WHEN NECESSARY) THE SILTATION CONTROL UNTIL ALL DEVELOPMENT ACTIVITY IS COMPLETED AND ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.

CONSTRUCTION SEQUENCE

- 1. PRIOR TO COMMENCEMENT OF WORK A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH TOWN STAFF AND REPRESENTATIVES OF THE CONTRACTOR AND OWNER. AT THIS MEETING, ONE PERSON WILL BE PLACED IN CHARGE OF SEDIMENT AND EROSION CONTROL FOR THE ENTIRE SITE.
- 2. TOWN STAFF WILL BE NOTIFIED ONCE A CONSTRUCTION SCHEDULE IS FINALIZED AND PRIOR TO THE START OF
- 3. CALL "CALL BEFORE YOU DIG" FOR MARK OUT OF ALL UTILITIES.
- 4. CONTRACTOR TO STAKE OUT LIMIT OF DISTURBANCE AND VEGETATION TO BE RETAINED. NO DISTURBANCE IS TO TAKE PLACE BEYOND THE LIMITS OF WORK SHOWN.
- 5. CONTRACTOR TO INSTALL SEDIMENT AND EROSION CONTROLS ALONG THE PERIMETER, AND STABILIZED
- 6. CLEAR AND GRUB SITE, SCREEN AND STOCKPILE TOPSOIL. PLACE SEDIMENT FILTER FENCE AND HAYBALES
- 7. INITIATE MASS EARTHWORK OPERATIONS AFTER ALL BASINS, BERMS, SWALES, SILT FENCE & HAYBALES ARE
- 8. SLOPES ARE TO BE ESTABLISHED AS SOON AS PRACTICAL BEFORE UTILITY INSTALLATION. STABILIZE ALL SLOPES IMMEDIATELY AFTER THEIR ESTABLISHMENT.
- 9. INSTALL TENNIS COURTS AND FENCING.
- 10. SEDIMENT AND EROSION CONTROLS SHALL BE INSPECTED AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCH OR GREATER.
- 11. THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE MODIFIED BY THE CONTRACTOR AT THE DIRECTION OF THE ENGINEER AND THE TOWN'S DESIGNATED REPRESENTATIVE AS NECESSITATED BY CHANGING SITE CONDITIONS
- 12. INSPECTION OF THE SITE FOR EROSION SHALL CONTINUE FOR A PERIOD OF THREE MONTHS AFTER COMPLETION WHEN RAINFALLS OF ONE INCH OR MORE OCCUR.
- 13. THE SITE SHOULD BE KEPT CLEAN OF LOOSE DEBRIS, LITTER, AND BUILDING MATERIALS SUCH THAT NONE OF THE ABOVE ENTER WATERS OR WETLANDS.
- 14. A COPY OF ALL PLANS AND REVISIONS, AND THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE MAINTAINED ON-SITE AT ALL TIMES DURING CONSTRUCTION.



PROJECT SITE VICINITY MAP:



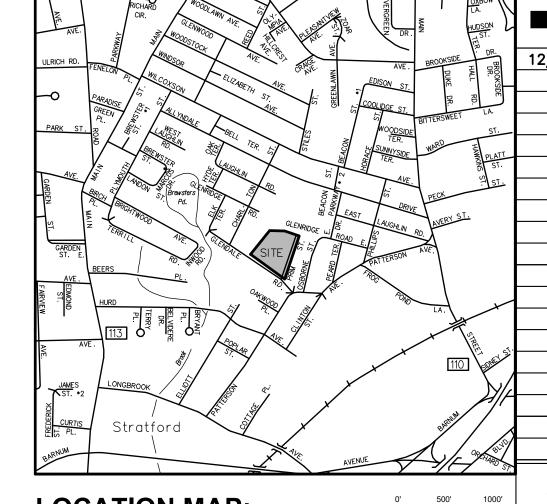
PREPARED BY:



SLRCONSULTING.COM

PREPARED FOR:

MR. BRIAN SNYDER, AIA, LEED AP, NCARB, CDT SNYDER ARCHITECTS 23 EAST LAKE ROAD TRUMBULL, CONNECTICUT 06611



LOCATION MAP:

LEGEND

STREET LINE

PROPERTY LINE

SETBACK LINE

MAJOR CONTOUR

MINOR CONTOUR

SPOT GRADE

WETLANDS

TREE LINE

STONEWALL

LIGHT POST

WATER METER

WATER VALVE

GAS VALVE

CATCH BASIN

SANITARY LINE

WATER MAIN

GAS MAIN

DOMESTIC WATER

ELECTRIC LINE

UTILITY POLE

SIGN

POST

GATE POST

BOXWIRE FENCE

ELECTRIC METER

IRON PIN FOUND

GAS METER

ORDINARY HIGH WATER

IRRIGATION CONTROL VALVE

IRON PIPE

MONUMENT

MANHOLE/YARD DRAIN/AREA DRN.

STORM DRAIN W/CATCH BASIN

ELECTRIC, TELEPHONE, CABLE

EDGE OF PAVEMENT W/CURB

CONCRETE SIDEWALK

CHAIN LINK FENCE

HYDRANT

TREE

WETLAND BUFFER LINE

EXISTING

× 70.5

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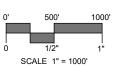
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SNYDER ARCHITECTS, LLC

Architecture . Planning . Construction Management

ISSUED FOR CONSTRUCTION

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PROPOSED



99 Realty Drive Cheshire, CT (203) 271-1773

Civil Engineer

Revisions

■ Electrical Engineer
SG Engineering, LLC
Southington, CT
(203) 215-9448

Project



New Tennis Courts:

Longbrook Park
Glendale Road & Prim Street

Stratford, CT

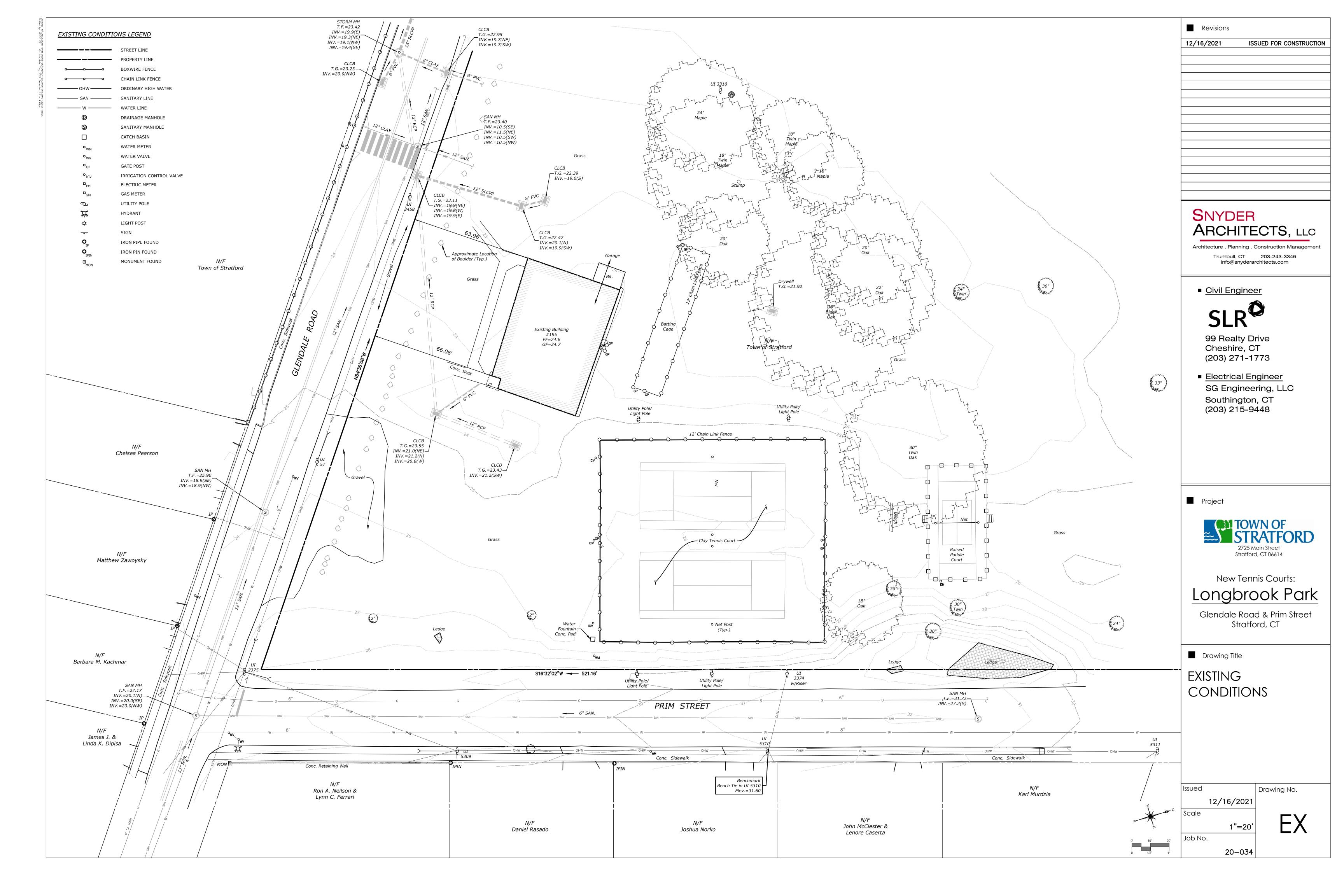
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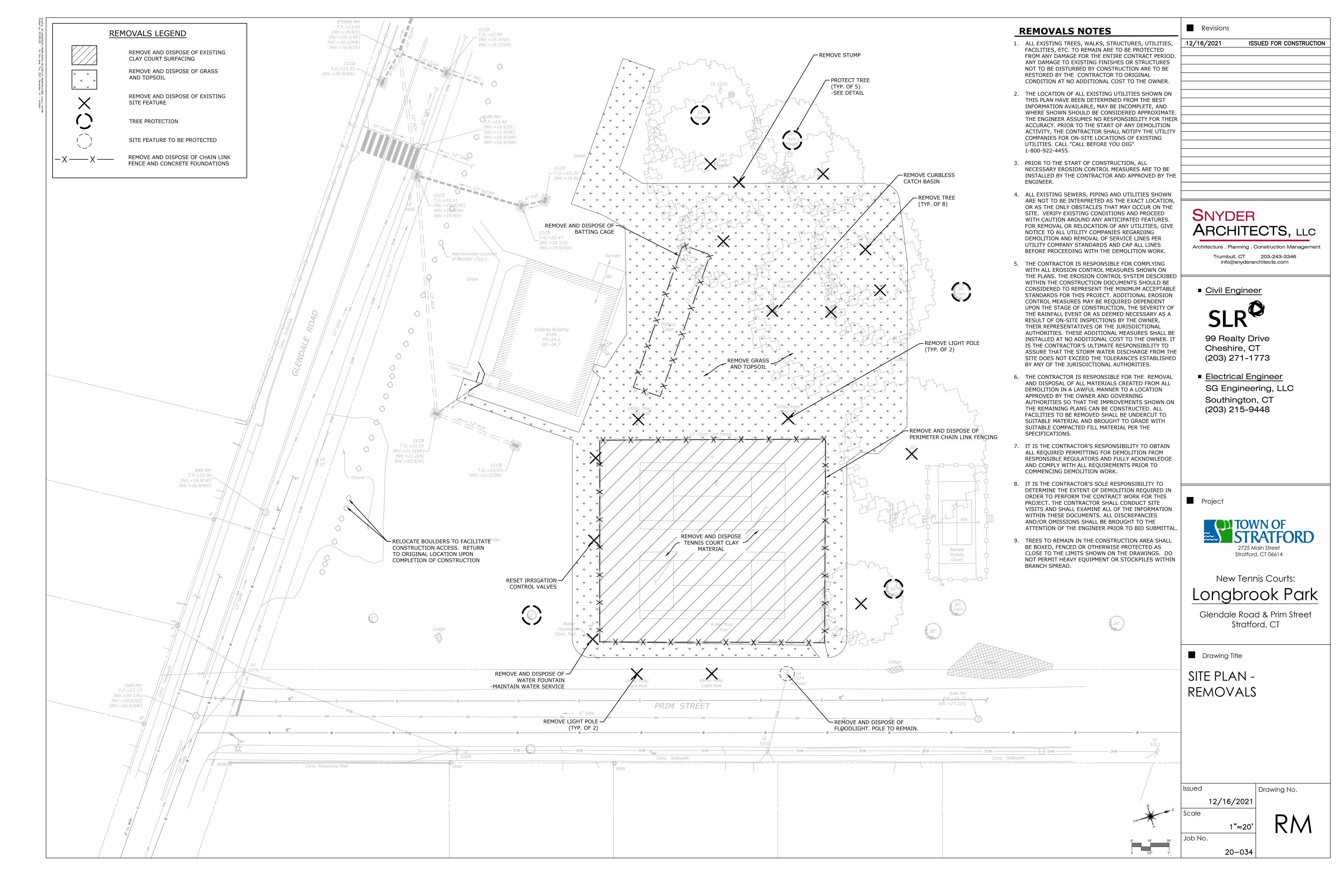
TITLE SHEET

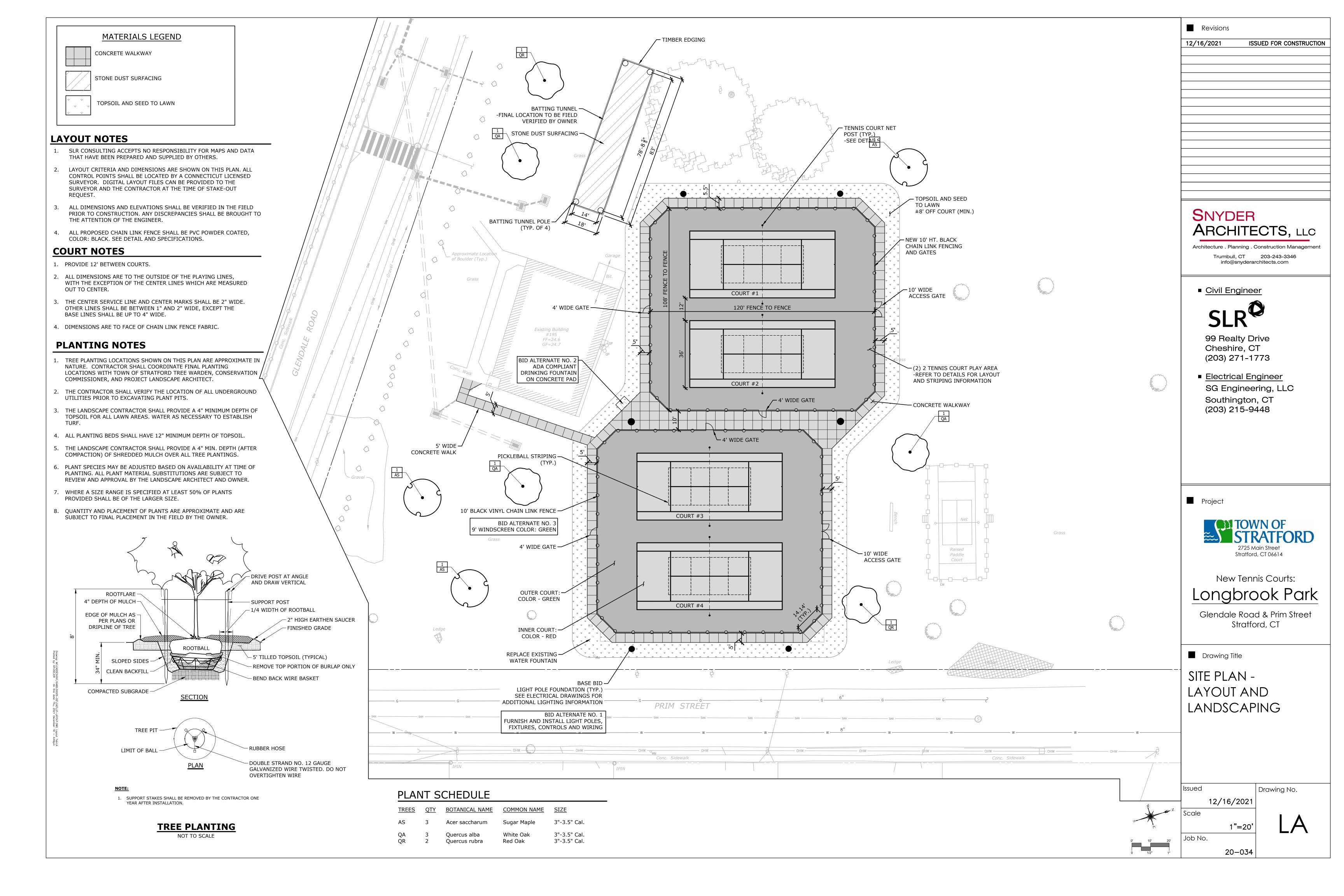
LIST OF DRAWINGS

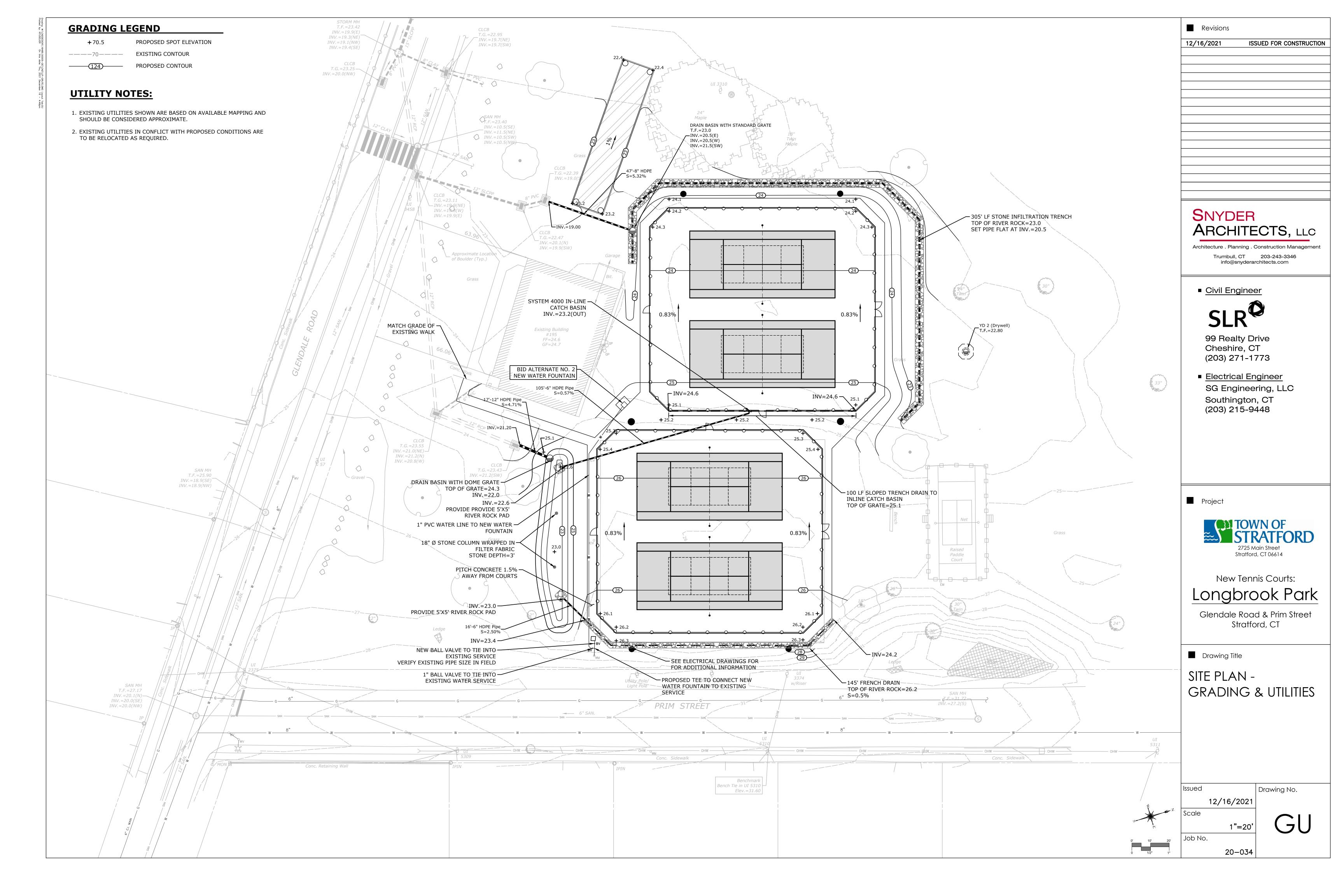
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NAME	TITLE
	TITLE SHEET
EX	EXISTING CONDITIONS
RM	SITE PLAN - REMOVALS
LA	SITE PLAN - LAYOUT AND LANDSCAPING
GU	SITE PLAN - GRADING & UTILITIES
SE	SEDIMENT & EROSION CONTROL PLAN, NOTES, & DETAILS
SD-1 - SD-4	SITE DETAILS











GENERAL:

THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION, AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.

IN GENERAL, ALL CONSTRUCTION ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS. WATERCOURSE, WATER BODY, AND CONDUIT CARRYING WATER ETC. THE CONTRACTOR SHALL LIMIT, INSOFAR AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS AND IMMEDIATELY PROVIDE PERMANENT AND TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT WETLANDS, WATERCOURSES, AND WATER BODIES, AND TO PREVENT, INSOFAR AS POSSIBLE, EROSION ON THE SITE.

LAND GRADING:

THE RESHAPING OF THE GROUND SURFACE BY EXCAVATION AND FILLING OR A COMBINATION OF BOTH, TO OBTAIN PLANNED GRADES, SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING

- 1. THE CUT FACE OF EARTH EXCAVATION SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
- 2. THE PERMANENT EXPOSED FACES OF FILLS SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
- 3. THE CUT FACE OF ROCK EXCAVATION SHALL NOT BE STEEPER THAN ONE HORIZONTAL TO TWO VERTICAL (1:2).

DAMAGING CUT FACES AND FILL SLOPES.

- 4. PROVISION SHOULD BE MADE TO CONDUCT SURFACE WATER SAFELY TO STORM DRAINS TO PREVENT SURFACE RUNOFF FROM
- 5. NO FILL SHOULD BE PLACED WHERE IT WILL SLIDE OR WASH UPON THE INTO ADJACENT WETLANDS, WATERCOURSES, OR
- 6. PRIOR TO ANY RE-GRADING, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PLACED AT THE ENTRANCE TO THE WORK AREA IN ORDER TO REDUCE MUD AND OTHER SEDIMENTS FROM LEAVING THE SITE.

TOPSOILING:

TOPSOIL SHALL BE SPREAD OVER ALL EXPOSED AREAS IN ORDER TO PROVIDE A SOIL MEDIUM HAVING FAVORABLE CHARACTERISTICS FOR THE ESTABLISHMENT, GROWTH, AND MAINTENANCE OF VEGETATION.

UPON ATTAINING FINAL SUBGRADES, SCARIFY SURFACE TO PROVIDE A GOOD BOND WITH TOPSOIL

REMOVE ALL LARGE STONES, TREE LIMBS, ROOTS AND CONSTRUCTION DEBRIS.

APPLY LIME ACCORDING TO SOIL TEST OR AT THE RATE OF TWO (2)

MATERIAL:

- 1. TOPSOIL SHOULD HAVE PHYSICAL, CHEMICAL, AND BIOLOGICAL CHARACTERISTICS FAVORABLE TO THE GROWTH OF PLANTS.
- 2. TOPSOIL SHOULD HAVE A SANDY OR LOAMY TEXTURE.
- 3. TOPSOIL SHOULD BE RELATIVELY FREE OF SUBSOIL MATERIAL AND MUST BE FREE OF STONES (OVER 1" IN DIAMETER), LUMPS OF SOIL, ROOTS, TREE LIMBS, TRASH, OR CONSTRUCTION DEBRIS. IT SHOULD BE FREE OF ROOTS OR RHIZOMES SUCH AS THISTLE, NUTGRASS, AND QUACKGRASS
- 4. AN ORGANIC MATTER CONTENT OF SIX PERCENT (6%) IS REQUIRED. AVOID LIGHT COLORED SUBSOIL MATERIAL.
- 5. SOLUBLE SALT CONTENT OF OVER 500 PARTS PER MILLION (PPM) HIGH SALT CONTENT AND SULFUR ACIDITY.
- 6. THE pH SHOULD BE MORE THAN 6.0. IF LESS, ADD LIME TO INCREASE pH TO AN ACCEPTABLE LEVEL.

APPLICATION:

- 1. VOID SPREADING WHEN TOPSOIL IS WET OR FROZEN.
- 2. SPREAD TOPSOIL UNIFORMLY TO A DEPTH OF AT LEAST SIX INCHES (6"), OR TO THE DEPTH SHOWN ON THE LANDSCAPING

TEMPORARY VEGETATIVE COVER:

TEMPORARY VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL UNPROTECTED AREAS THAT PRODUCE SEDIMENT, AREAS WHERE FINAL GRADING HAS BEEN COMPLETED, AND AREAS WHERE THE ESTIMATED PERIOD OF BARE SOIL EXPOSURE IS LESS THAN 12 MONTHS. TEMPORARY VEGETATIVE COVER SHALL BE APPLIED IF AREAS WILL NOT BE PERMANENTLY SEEDED BY SEPTEMBER 1.

SITE PREPARATION:

- 1. INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
- 2. REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS
- 3. APPLY LIME ACCORDING TO SOIL TEST OR AT A RATE OF ONE (1) TON OF GROUND DOLOMITIC LIMESTONE PER ACRE (5 LBS. PER
- 4. APPLY FERTILIZER ACCORDING TO SOIL TEST OR AT THE RATE OF 30 LBS. OF 10-10-10 PER ACRE (7 LBS. PER 1,000 SQ. FT.) AND SECOND APPLICATION OF 200 LBS. OF 10-10-10- (5 LBS.

PER 1,000 SQ. FT.) WHEN GRASS IS FOUR INCHES (4") TO SIX

5. UNLESS HYDROSEEDED, WORK IN LIME AND FERTILIZER TO A DEPTH OF FOUR (4") INCHES USING A DISK OR ANY SUITABLE

INCHES (6") HIGH. APPLY ONLY WHEN GRASS IS DRY.

6. TILLAGE SHOULD ACHIEVE A REASONABLY UNIFORM LOOSE SEEDBED. WORK ON CONTOUR IF SITE IS SLOPING.

ESTABLISHMENT:

- 7. SELECT APPROPRIATE SPECIES FOR THE SITUATION. NOTE RATES AND SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW).
- 8. APPLY SEED UNIFORMLY ACCORDING TO THE RATE INDICATED BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
- 9. UNLESS HYDROSEEDED, COVER RYEGRASS SEEDS WITH NOT MORE THAN 1/4 INCH OF SOIL USING SUITABLE EQUIPMENT.
- 10. MULCH IMMEDIATELY AFTER SEEDING IF REQUIRED. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW.) APPLY STRAW MULCH AND ANCHOR TO SLOPES GREATER THAN 3% OR WHERE CONCENTRATED FLOW WILL OCCUR.

EROSION CHECKS

TEMPORARY PERVIOUS BARRIERS USING BALES OF STRAW, HELD IN PLACE WITH STAKES DRIVEN THROUGH THE BALES AND INTO THE GROUND OR GEOTEXTILE FABRIC FASTENED TO A FENCE POST AND BURIED INTO THE GROUND, SHALL BE INSTALLED AND MAINTAINED AS REQUIRED TO CHECK EROSION AND REDUCE SEDIMENTATION.

CONSTRUCTION:

BALES SHOULD BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.

EACH BALE SHALL BE EMBEDDED INTO THE SOIL A MINIMUM OF FOUR (4") INCHES.

BALES SHALL BE SECURELY ANCHORED IN PLACE BY WOOD STAKES OR REINFORCEMENT BARS DRIVEN THROUGH THE BALES AND INTO THE GROUND. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD THE PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.

GEOTEXTILE FABRIC SHALL BE SECURELY ANCHORED AT THE TOP OF A THREE FOOT (3') HIGH FENCE AND BURIED A MINIMUM OF FOUR INCHES (4") TO THE SOIL. SEAMS BETWEEN SECTIONS OF FILTER FABRIC SHALL OVERLAP MINIMUM OF TWO FEET (2').

INSTALLATION AND MAINTENANCE:

- 1. BALED STRAW EROSION BARRIERS SHALL BE INSTALLED AT ALL STORM SEWER INLETS.
- 2. BALED STRAW EROSION BARRIERS AND GEOTEXTILE FENCE SHALL BE INSTALLED AT THE LOCATION INDICATED ON THE PLAN AND IN ADDITIONAL AREAS AS MAY BE DEEMED APPROPRIATE DURING CONSTRUCTION.
- 3. ALL EROSION CHECKS SHALL BE MAINTAINED UNTIL ADJACENT AREAS ARE STABILIZED.
- 4. INSPECTION SHALL BE FREQUENT (AT MINIMUM MONTHLY AND BEFORE AND AFTER HEAVY RAIN) AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- 5. EROSION CHECKS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM WATER FLOW OR DRAINAGE.

VEGETATIVE COVER SELECTION & MULCHING

TEMPORARY VEGETATIVE COVER:

PERENNIAL RYEGRASS 3 LBS./1,000 SQ.FT. (IOLUIUM PERENNE)

PERMANENT VEGETATIVE COVER:

- 1. SEE SEDIMENTATION AND EROSION CONTROL PLAN FOR SEED MIX
- 2. TEMPORARY MULCHING: STRAW AT 70-90 LBS./1,000 SQ.FT. (TEMPORARY VEGETATIVE AREAS) WOOD FIBER IN HYDROMULCH SLURRY 25-50 LBS./1,000 SQ. FT.

- 1. SMOOTH AND FIRM SEEDBED WITH CULTIPACKER OR OTHER SIMILAR EQUIPMENT PRIOR TO SEEDING (EXCEPT WHEN HYDROSEEDING)
- 2. SELECT ADAPTED SEED MIXTURE FOR THE SPECIFIC SITUATION. NOTE RATES AND THE SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING SPEC. BELOW).
- 3. APPLY SEED UNIFORMLY ACCORDING TO RATE INDICATED, BY BROADCASTING, DRILLING, OR
- 4. COVER GRASS AND LEGUME SEED WITH NOT MORE THAN 1/4 INCH OF SOIL WITH SUITABLE
- EQUIPMENT (EXCEPT WHEN HYDROSEEDING). 5. MULCH IMMEDIATELY AFTER SEEDING, IF REQUIRED, ACCORDING TO TEMPORARY MULCHING
- SPECIFICATIONS. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW) 6. USE PROPER INOCULANT ON ALL LEGUME SEEDINGS, USE FOUR (4) TIMES NORMAL RATES WHEN
- 7. USE SOD WHERE THERE IS A HEAVY CONCENTRATION OF WATER AND IN CRITICAL AREAS WHERE IT IS IMPORTANT TO GET A QUICK VEGETATIVE COVER TO PREVENT EROSION.

- 1. TEST FOR SOIL ACIDITY EVERY THREE (3) YEARS AND LIME AS REQUIRED.
- 2. ON SITES WHERE GRASSES PREDOMINATE, BROADCAST ANNUALLY 500 POUNDS OF 10-10-10 FERTILIZER PER ACRE (12 LBS. PER 1,000 SQ. FT.) OR AS NEEDED ACCORDING TO ANNUAL SOIL
- 3. ON SITES WHERE LEGUMES PREDOMINATE, BROADCAST EVERY THREE (3)YEARS OR AS INDICATED BY SOIL TEST 300 POUNDS OF 0-20-20 OR EQUIVALENT PER ACRE (8 LBS PER 1,000 SQ. FT.).

PERMANENT VEGETATIVE COVER

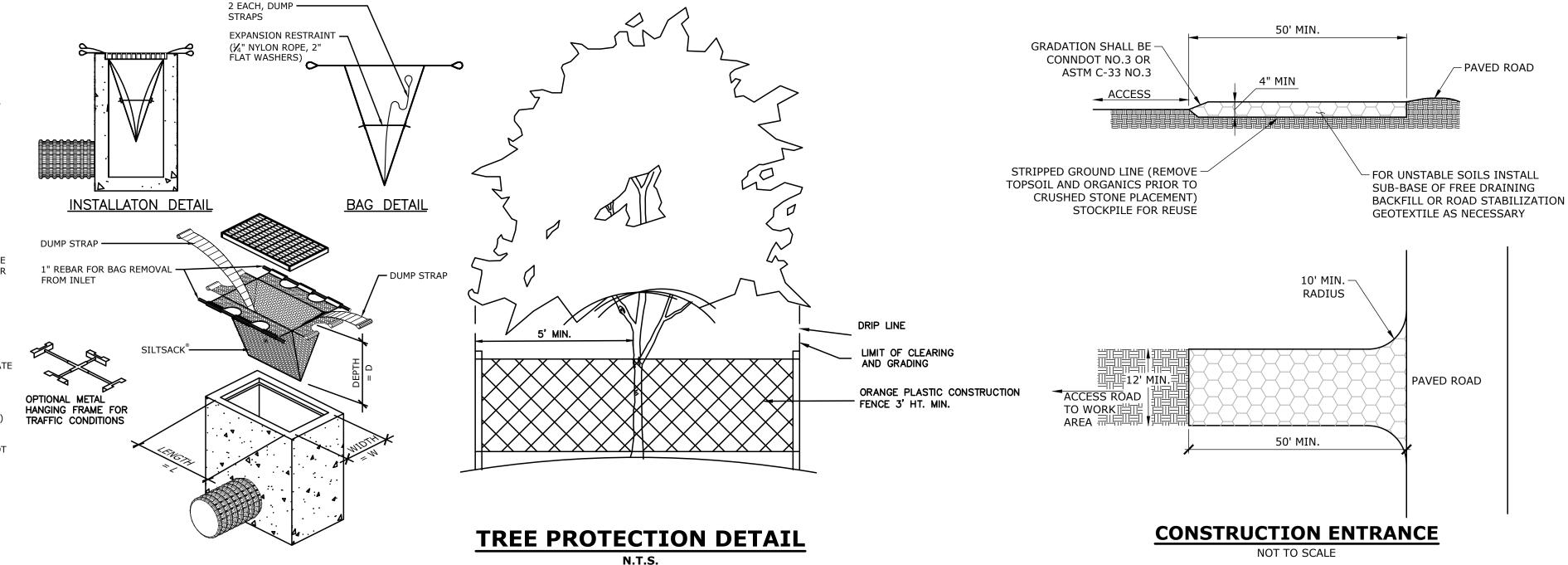
PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED AS VARIOUS SECTIONS OF THE PROJECT ARE COMPLETED IN ORDER TO STABILIZE THE SOIL, REDUCE DOWNSTREAM DAMAGE FROM SEDIMENT AND RUNOFF, AND TO ENHANCE THE AESTHETIC NATURE OF THE SITE. IT WILL BE APPLIED TO ALL CONSTRUCTION AREAS SUBJECT TO EROSION WHERE FINAL GRADING HAS BEEN COMPLETED AND A PERMANENT COVER IS NEEDED.

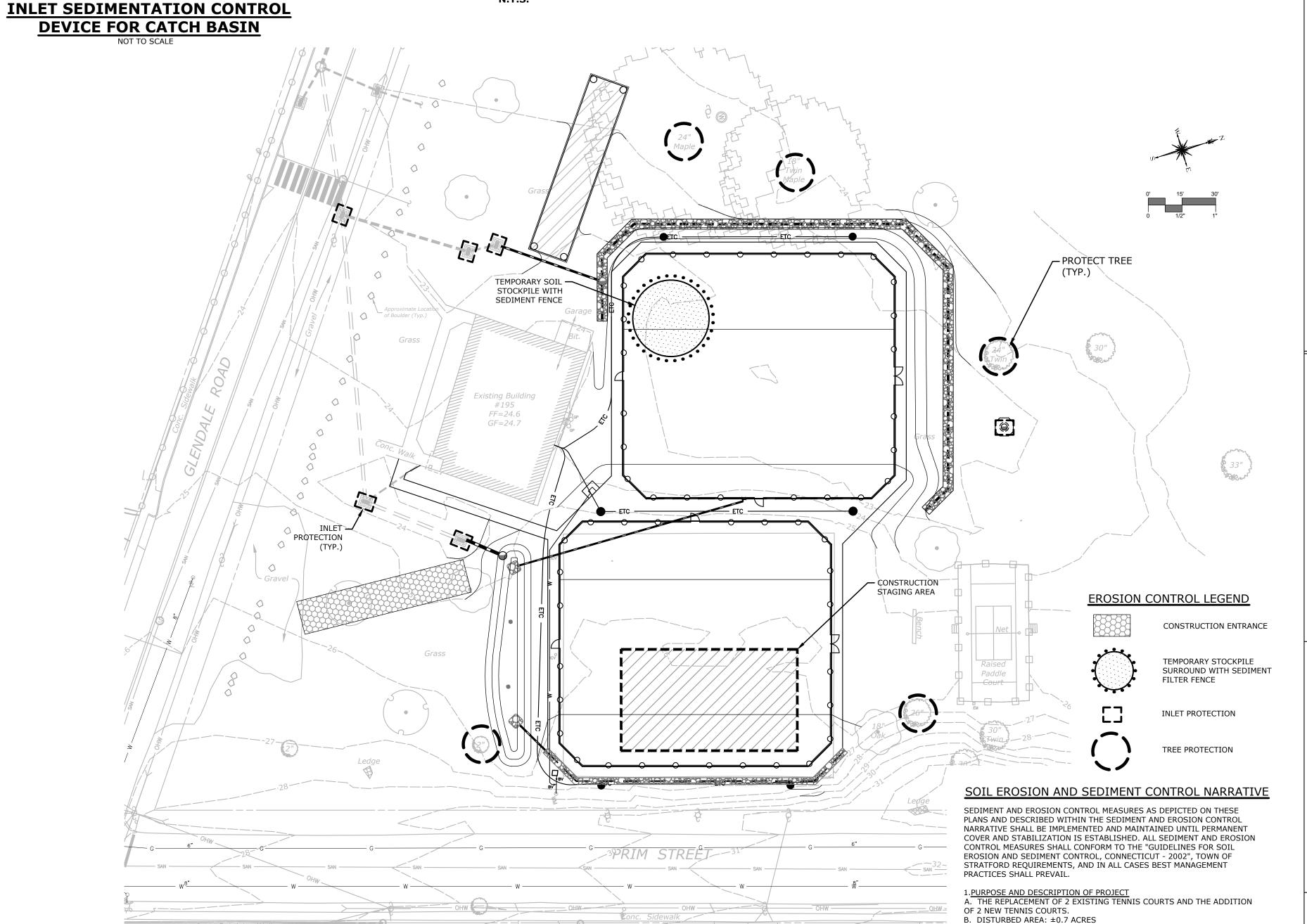
SITE PREPARATION:

- 1. INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
- 2. REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
- 3. PERFORM ALL PLANTING OPERATIONS PARALLEL TO THE CONTOURS OF THE SLOPE.
- 4. APPLY TOPSOIL AS INDICATED ELSEWHERE HEREIN.

FERTILIZER PER ACRE (14 LBS. PER 1,000 SQ. FT.).

- 5. APPLY FERTILIZER ACCORDING TO SOIL TEST OR:
- SPRING SEEDING: WORK DEEPLY IN SOIL, BEFORE SEEDING, 300 LBS. OF 10-10-10 FERTILIZER PER ACRE (7 LBS. PER 1,000 SQ. FT.); THEN SIX (6) TO EIGHT (8) WEEKS LATER, APPLY ON THE SURFACE AN ADDITIONAL 300LBS. OF 10-10-10 FERTILIZER PER ACRE. AFTER SEPTEMBER 1, TEMPORARY VEGETATIVE COVER SHALL BE APPLIED.
- FALL SEEDING: WORK DEEPLY IN SOIL, BEFORE SEEDING, 600 LBS. OF 10-10-10





SEDIMENT AND EROSION CONTROL PLAN

SNYDER ARCHITECTS, LLC Architecture . Planning . Construction Management

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ISSUED FOR CONSTRUCTION

Revisions

12/16/2021

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Electrical Engineer SG Engineering, LLC Southington, CT (203) 215-9448

Project



New Tennis Courts:

Longbrook Park Glendale Road & Prim Street

Stratford, CT

Drawing Title

SEDIMENT & EROSION CONTROL PLAN, NOTES, & DETAILS

Drawing No. 12/16/2021 Scale AS NOTED Job No.

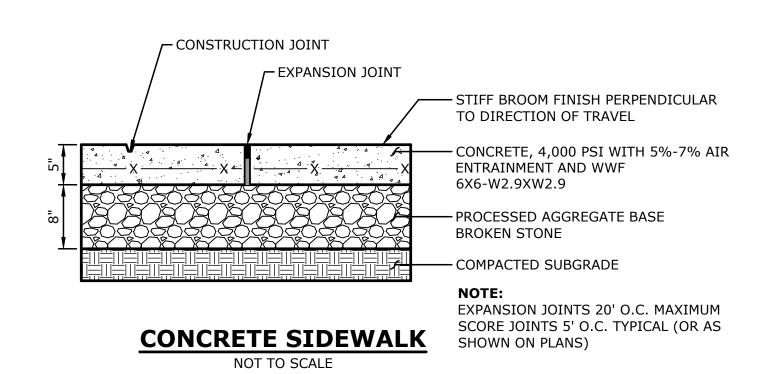
2.IDENTIFICATION OF EROSION AND SEDIMENT CONTROL CONCERNS

B. PROTECTION OF EXISTING AND PROPOSED STORM DRAINAGE SYSTEM.

A. CUTS AND FILLS ASSOCIATED WITH CONSTRUCTION.

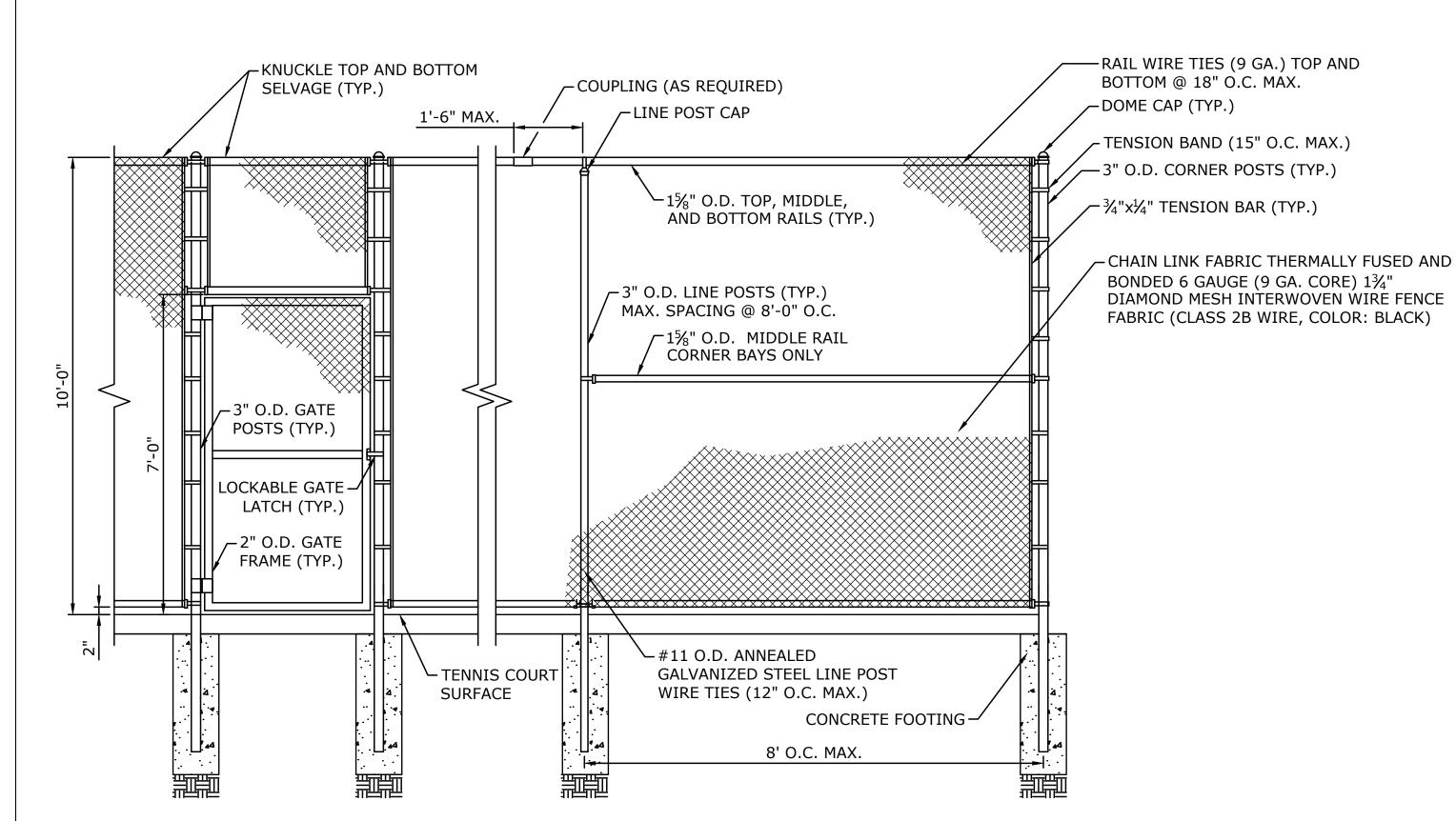
20-034

EXPANSION JOINT



CONCRETE SIDEWALK

SEE DETAIL



TENNIS COURT CHAIN LINK FENCE

NOT TO SCALE

NOTES

- 1. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR FENCE AND GATE
- 2. ALL FABRIC, POSTS, HARDWARE, AND FITTINGS SHALL BE THERMALLY FUSED AND BONDED, COLOR: BLACK (SEE SPECIFICATIONS)
- 3. ALL GATES SHALL SWING AWAY FROM COURTS AND HAVE STOPPERS
- PREVENTING THE GATE FROM SWINGING INTO THE COURTS.
- 4. GATE FABRIC SHALL MATCH FENCE FABRIC
- 5. MID-RAILS LOCATED AT CORNER BAYS ONLY.
- 6. GAPS AT GATES AND FENCE SHALL BE SHALL BE SMALL ENOUGH TO NOT ALLOW BALLS TO PASS THROUGH.

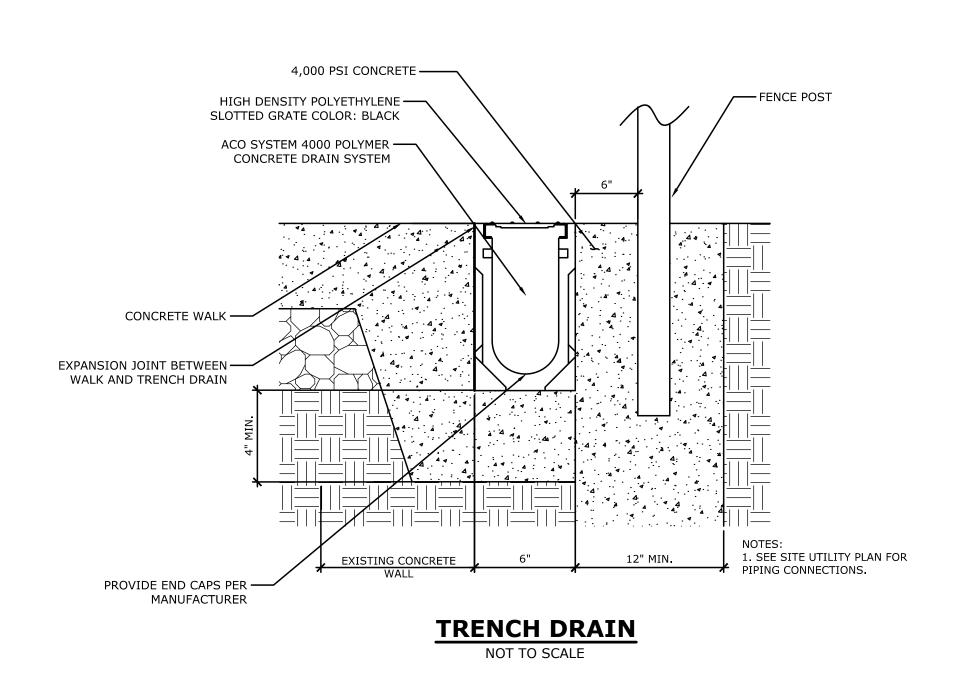
- PAINTED LINES, TYP. Revisions (SEE TENNIS COURT SURFACE DETAIL) 12/16/2021 PORTABLE NET **78' COURT NOTES:** 1. ALL DIMENSIONS ARE TO THE OUTSIDE OF THE PLAYING LINES, WITH THE EXCEPTION OF THE CENTER LINES WHICH ARE MEASURED OUT TO CENTER. 2. THE CENTER SERVICE LINE AND CENTER MARKS SHALL BE 2" WIDE. OTHER LINES SHALL BE 2" WIDE. TENNIS NET ---POST NET _____ LINE LAYOUT FOR 36' AND — 60' 10 AND UNDER TENNIS -TYP. ALL COURTS **36' AND 60' COURT STRIPING NOTES:** 1. 36' & 60' COURT LINES SHALL BE TEXTURED LINE PAINT WITHIN SERVICE LINE THE SAME FAMILY AS THE 78' COURT COLOR. 2. ALL 36' & 60' COURT LINES SHALL TERMINATE 3" FROM THE 78' COURT LINES. 3. ALL 36' & 60' COURT LINES SHALL BE 1.5" WIDE. 4'-6" 4. ALL 36' & 60' COURT LINES SHALL BE MEASURED OUT TO OUT, WITH **→** PORTABLE THE EXCEPTION OF THE CENTER LINES WHICH SHALL BE MEASURED BASE LINE OUT TO CENTER. 5. THE CENTER MARK FOR THE 36' COURT SHALL BE SET 2" OFF THE

CENTER MARK, 4"-

LENGTH (TYP.)

COURT LAYOUT AND STRIPING PLAN

NOT TO SCALE



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Architecture . Planning . Construction Management

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ISSUED FOR CONSTRUCTION

New Tennis Courts:

Glendale Road & Prim Street

Drawing Title

SITE DETAILS

Drawing No. 12/16/2021 Scale AS NOTED

20-034

Job No.

Project

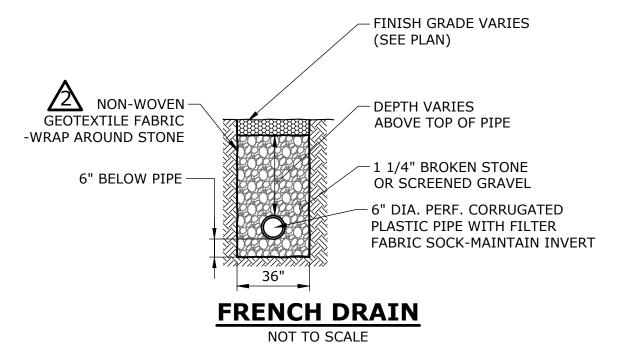
Stratford, CT 06614

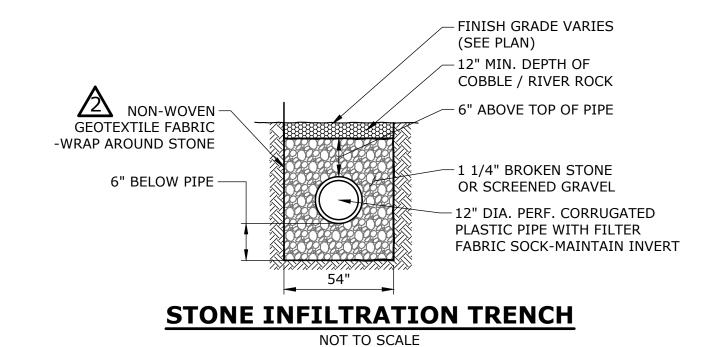
Longbrook Park

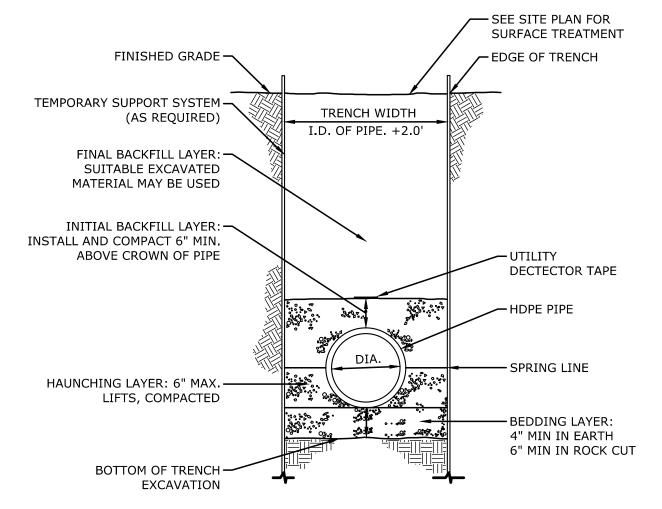
Stratford, CT

78' COURT DOUBLES SIDELINE AND SHALL BE 2" LONG BY 1.5"

6. USTA SPECIFICATIONS GOVERN ALL PROJECT TENNIS COURT LINE STRIPING.







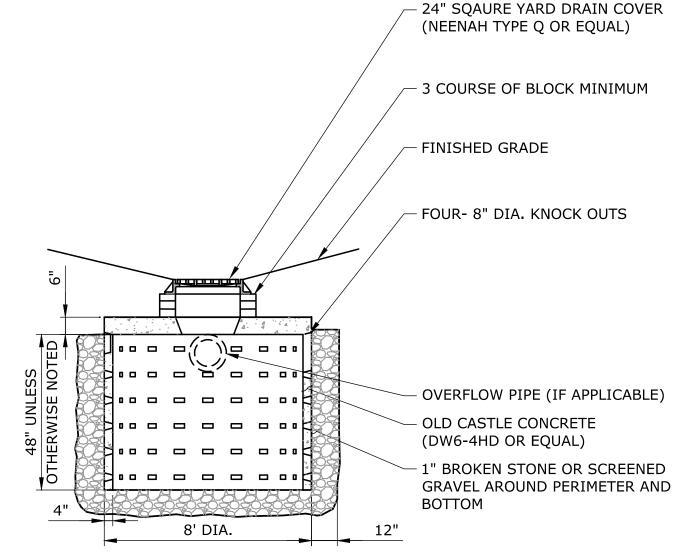
NOTE:

1. BACKFILL MATERIAL USED IN BEDDING, HAUNCHING, AND INTIAL

2.44" CRUCUED STONE BACKFILL LAYERS SHALL BE 3/4" CRUSHED STONE.

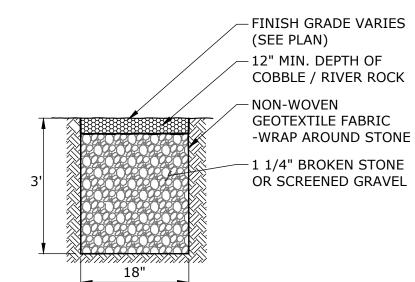
2. PAYMENT LIMIT FOR ROCK IN TRENCH TO BE PIPE DIAMETER + 3.0'

> STORM DRAINAGE TRENCH DETAIL NOT TO SCALE

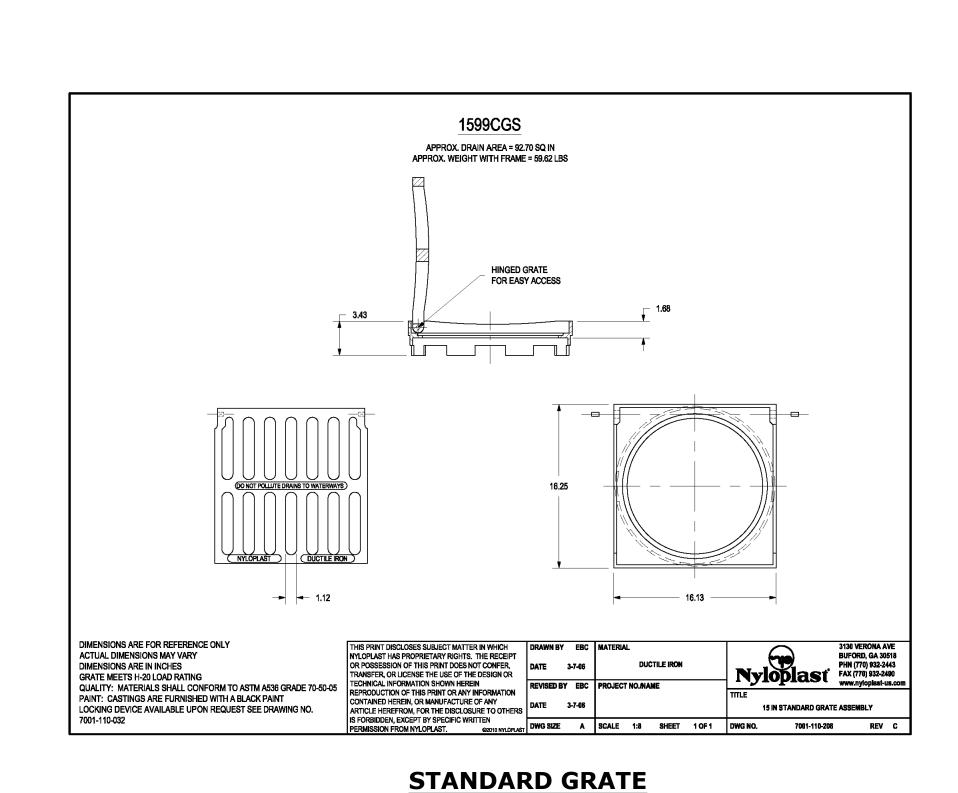


- 1. CONCRETE MINIMUM STRENGTH 4000 PSI @ 28 DAYS STEEL REINFORCEMENT - ASTM A-615-75, GRADE 60, ASTM A-185, GRADE 65.
- COVER TO STEEL 1" MINIMUM.

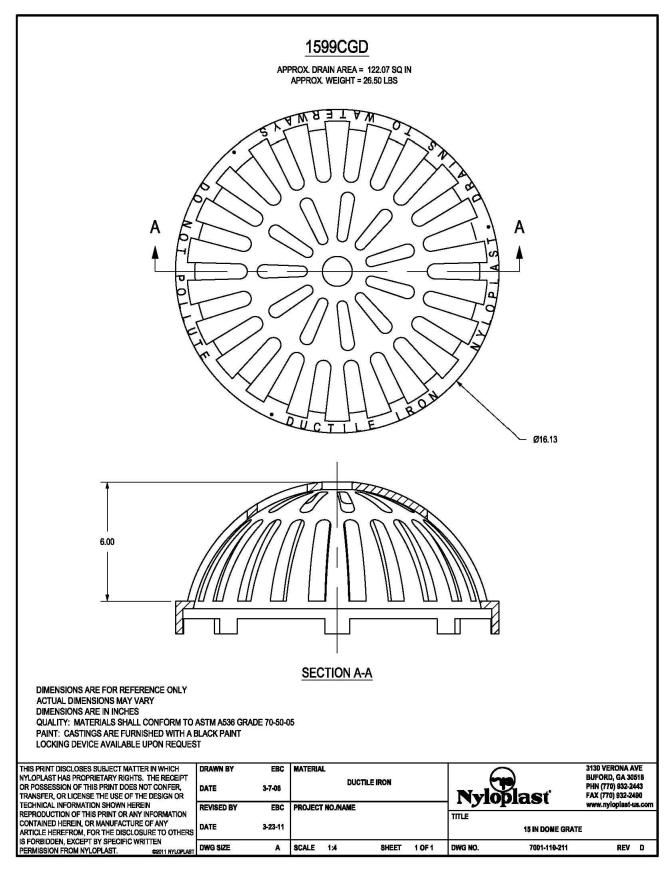
DRYWELL NOT TO SCALE



STONE COLUMN WRAPPED IN FILTER FABRIC



NOT TO SCALE



NOT TO SCALE

4" MIN ON 8" - 24" 6" MIN ON 30" THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS I, CLASS II, OR CLASS III MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321. NYLOPLAST 15" DRAIN BASIN: 2815AG _ _ X (1, 2) INTEGRATED DUCTILE IRON 18" MIN WIDTH GUIDELINE MINIMUM PIPE BURIAL DEPTH PER PIPE - 8" MIN THICKNESS GUIDELINE MANUFACTURER RECOMMENDATION (MIN. MANUFACTURING TRAFFIC LOADS: CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY. ACTUAL CONCRETE SLAB MUST BE RÈQ. SAME AS MIN. SUMP) DESIGNED TAKING INTO CONSIDERATION LOCAL SOIL CONDITIONS, TRAFFIC LOADING, & OTHER APPLICABLE DESIGN FACTORS. (3) VARIABLE INVERT HEIGHTS SEE DRAWING NO. 7001-110-111 FOR NON TRAFFIC INSTALLATION. AVAILABLE (ACCORDING TO (5) ADAPTER ANGLES PLANS/TAKE OFF) THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS I, ACCORDING TO PLANS CLASS II, OR CLASS III MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321. (3) VARIABLE SUMP DEPTH (4) VARIOUS TYPES OF INLET & OUTLET ADAPTERS AVAILABLE: 4" - 15" FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL, (6" MIN. BASED ON MANUFACTURING REQ.) - 4" MIN ADS/HANCOR SINGLE WALL), N-12 HP, PVC SEWER (EX: SDR 35), PVC DWV (EX: SCH 40), PVC C900/C905, CORRUGATED & RIBBED PVC (CORRUGATED HDPE SHOWN) GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05, WITH THE EXCEPTION OF THE BRONZE GRATE. FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05 THIS PRINT DISCLOSES SUBJECT MATTER IN WHICH NYLOPLAST HAS PROPRIETARY RIGHTS. THE RECEIPT OR POSSESSION OF THIS PRINT DOES NOT CONFER. DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS.
 RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS.
 SEE DRAWING NO. 7001-110-065 Nyloplast* FAX (770) 932-2490 TRANSFER, OR LICENSE THE USE OF THE DESIGN OR TECHNICAL INFORMATION SHOWN HEREIN REPRODUCTION OF THIS PRINT OR ANY INFORMATION DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER. - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM CONTAINED HEREIN, OR MANUFACTURE OF ANY TICLE HEREROM, FOR THE DISCLOSURE TO OTHERS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN RMISSION FROM NYLOPLAST. DWG SIZE A SCALE 1:25 SHEET 1 OF 1 DWG NO. 7001-110-190 REV E ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.

> **DRAIN BASIN** NOT TO SCALE

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ISSUED FOR CONSTRUCTION

Civil Engineer

Revisions

12/16/2021



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Electrical Engineer SG Engineering, LLC Southington, CT (203) 215-9448

Project



New Tennis Courts:

Longbrook Park Glendale Road & Prim Street

Stratford, CT

Drawing Title

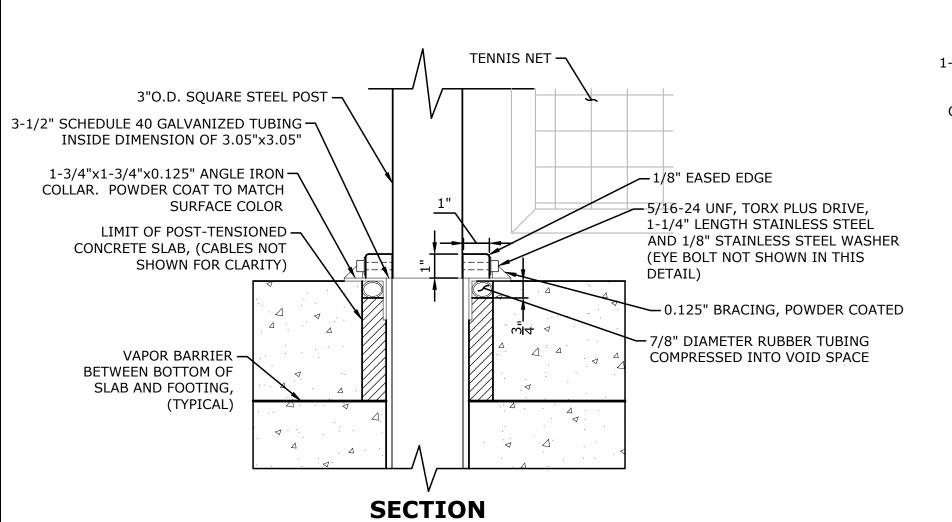
SITE DETAILS

Drawing No. 12/16/2021 Scale

20-034

Job No.

DOME GRATE



SLEEVE IRON COLOR, POWDER COAT TO MATCH SURFACE COLORS POST POST-TENSION SLAB BENEATH COLLAR - 1/4-20x1-1/4" INSIDE EYE NET DIAMETER, STAINLESS STEEL POST -1-1/4"x1" SOLID STEEL STOCK WELDED BETWEEN ANGLE BRACES, POWDER COAT AFTER FABRICATION -0.125" BRACING

 COLLAR TO BE FABRICATED THEN POWDER COATED. ALL DIMENSIONS SHOWN INCLUDE THICKNESS OF POWDER COATING.

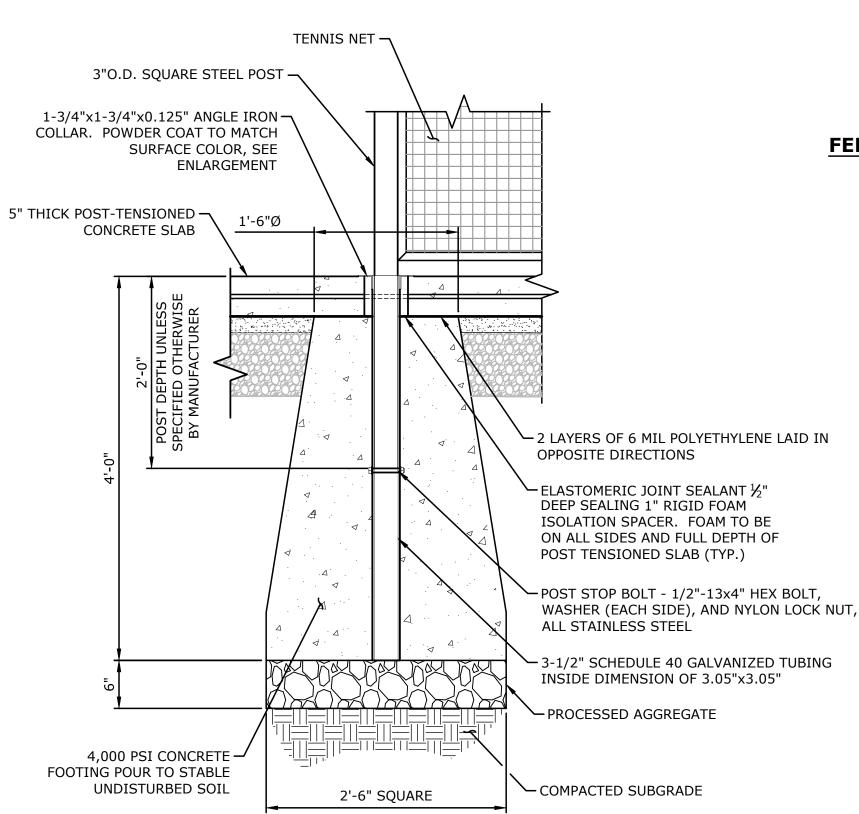
FABRICATOR IS RESPONSIBLE FOR ENSURING THE COLLAR WILL FIT OVER THE POST WITH 0.05" TO 0.10" TOLERANCE AT TIME OF INSTALL 3. POWDER COATING TO MATCH SURFACE COLOR, CONTRACTOR IS

RESPONSIBLE FOR COLOR MATCHING

4. ALL FASTENERS AND ASSOCIATED HARDWARE SHALL BE STAINLESS STEEL 5. UNF TORX BOLTS ARE TO BE USED AS SET SCREWS TO REMOVE 0.05" TO

0.10" OF PLAY IN THE POSTS, WASHERS MAY NOT BE REQUIRED 6. IT IS EXPECTED COLLAR MUST BE INSTALLED PRIOR TO INSTALLING POST

NET POST FOOTING - POST ENLARGEMENT SCALE: 3'' = 1'-0''

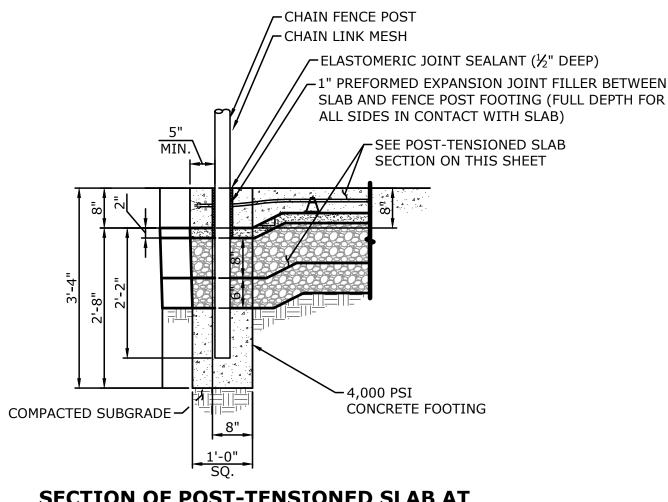


NET POST FOOTING - SECTION

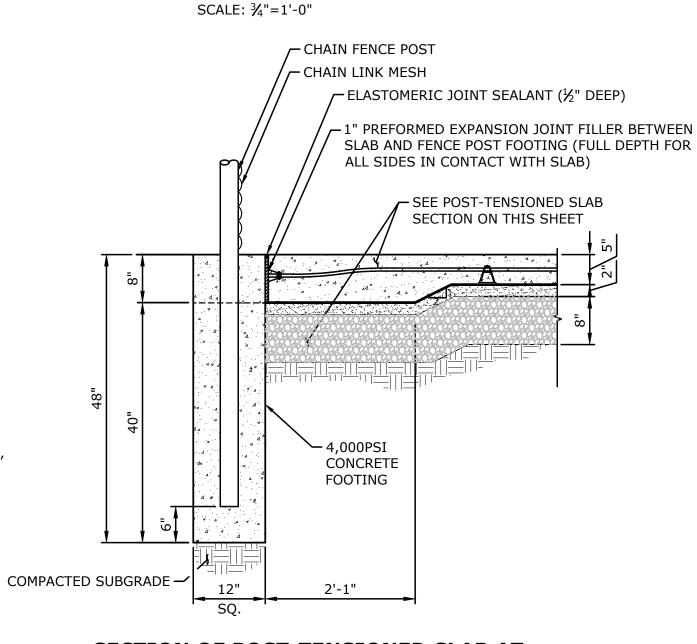
SCALE: 1" = 1'-0"

3/16-20x2-1/2" BOLT, -WASHERS, AND NUT, STAINLESS STEEL 1-3/4"x1-3/4"x0.125" ANGLE -IRON COLLAR. POWDER COAT TO MATCH SURFACE TENNIS NET COLOR, SEE ENLARGEMENT **POST-TENSIONED** CONCRETE SLAB - 2 LAYERS OF 6 MIL POLYETHYLENE LAID IN OPPOSITE DIRECTIONS -ELASTOMERIC JOINT SEALANT ½" DEEP SEALING 1" RIGID FOAM ISOLATION SPACER. FOAM TO BE ON ALL SIDES AND FULL DEPTH OF POST TENSIONED SLAB (TYP.) - 2" SQUARE SCHEDULE 40 GALVANIZED TUBING - PROCESSED AGGREGATE 4,000 PSI -CONCRETE FOOTING POUR TO STABLE UNDISTURBED SOIL COMPACTED SUBGRADE 2'-6" SQUARE

NET STRAP FOOTING - SECTION



SECTION OF POST-TENSIONED SLAB AT FENCE POST FOOTING - INTEGRATED FENCE POSTS



SECTION OF POST-TENSIONED SLAB AT OUTER PERIMETER FENCE POST FOOTING - INDEPENDENT CURB AND FENCE POSTS SCALE: 3/4"=1'-0"

GENERAL NOTES FOR POST-TENSIONED CONCRETE SLAB SYSTEM:

(2) #4 BARS (CONT

2" SAND LAYER -

ASPHALT STRIPPED AND-

BASE TO REMAIN AND

COMPACTED TO 95%

COMPACTED SUBGRADE -

REMOVED, EXISTING GRAVEL

8" THICKENED SLAB ALONG PERIMETER -

2 LAYERS OF 6 MIL POLYETHYLENE —

LAID IN OPPOSITE DIRECTIONS

- CONTRACTOR PERFORMING WORK SHALL HAVE A MINIMUM LEVEL 1 CERTIFICATION FROM THE POST TENSIONING INSTITUTE.
- 2. ALL POST-TENSIONING MATERIALS SHALL BE SUPPLIED BY A POST-TENSIONING INSTITUTE (PTI) CERTIFIED PLANT.
- SPECIFICATIONS: LATEST POST-TENSIONING INSTITUTE (PTI) SPECIFICATIONS FOR UNBONDED SINGLE STRAND TENDONS AND LATEST ACI 423.7 SPECIFICATION FOR UNBONDED SINGLE-STRAND TENDON MATERIALS.
- INSTALL TENDONS ACCORDING TO INSTALLATION DRAWINGS AND PROCEDURES IN PTI'S "FIELD PROCEDURES MANUAL FOR UNBONDED SINGLE STRAND TENDONS."
- 5. CONCRETE FOOTINGS: FENCE AND NET POST SLEEVES SHALL BE PLACED IN INDEPENDENT ISOLATED CONCRETE FOOTINGS AND INSTALLED PRIOR TO PLACEMENT OF POST-TENSIONED CONCRETE SLAB. POSTS AND FOOTINGS
- SHALL BE SEPARATED FROM THE SLAB BY A SEALED EXPANSION JOINT. POLYETHYLENE SHEETING: TWO (2) LAYERS OF 6 MIL POLY SHEETING LAID IN

PPOSITE DIRECTIONS SHALL COVER ENTIRE COURT AREA UNDER SLAB.

- POST-TENSIONED STRANDS: STRANDS SHALL BE 7 WIRE 1/2" DIAMETER LOW RELAXATION SHEATHED STRANDS CONFORMING TO THE REQUIREMENTS OF ASTM A416, LATEST REVISION, WITH A GUARANTEED MINIMUM ULTIMATE STRENGTH OF 270,000 PSI. JACKING FORCE SHALL BE 33,000 LBS/STRAND.
- STRANDS SHALL BE COATED WITH A RUST PREVENTIVE LUBRICANT AND ENCASED IN AN EXTRUDED PLASTIC SLIPPAGE SHEATHING. THE SHEATHING THICKNESS SHALL BE A MINIMUM OF 0.050 INCHES (50 MILS). AFTER INSTALLING FORMS AND PRIOR TO CONCRETE PLACEMENT, SHEATHING SHALL BE INSPECTED. DAMAGED AREAS SHALL BE REPAIRED BY RESTORING TENDON COATING AND REPAIRING SHEATHING. REPAIRS SHALL BE WATERTIGHT AND WITHOUT AIR SPACES. TAPE REPAIR PROCEDURES FOR SHEATHING SHALL CONFORM TO PTI'S "FIELD PROCEDURES MANUAL FOR UNBONDED SINGLE STRAND TENDONS."
- 9. POCKET FORMERS SHALL BE PROVIDED AT ALL STRESSING ANCHORAGES AND SHALL BE COATED WITH FORM RELEASE AGENT PRIOR TO INSTALLATION FOR EASY REMOVAL.
- 10. APPROPRIATE ANCHORAGES SHALL BE PROVIDED FOR DEAD END AND LIVE END STRESSING ANCHORS.
- 11. TENDONS SHALL BE FABRICATED WITH SUFFICIENT LENGTH BEYOND THE EDGE FORMS TO ALLOW STRESSING. A MINIMUM LENGTH OF 18 INCHES FROM EACH STRESSING END IS REQUIRED.
- 12. TENDONS THAT ARE TO BE STRESSED FROM ONE END ONLY SHALL HAVE FIXED-END ANCHORAGES ATTACHED TO ONE END PRIOR TO SHIPMENT.
- 13. TO MINIMIZE TENDON SEATING LOSSES, JACKS SHALL BE EQUIPPED WITH A WEDGE SEATING DEVICE, EITHER SPRING OR HYDRAULICALLY ACTUATED. THE USE OF JACKS WITHOUT WEDGE SEATING DEVICES WILL NOT BE PERMITTED.
- 14. PLACE CHAIRS AT THE INTERSECTIONS OF ALL TENDONS AND SECURELY TIE TENDONS TOGETHER AND TO CHAIRS WITHOUT DAMAGING SHEATHING. PLACE TENDONS STRAIGHT AND LEVEL. VERTICAL PLACEMENT TOLERANCE SHALL BE WITHIN 1/2" FROM THE SPECIFIED TENDON LOCATION. TENDONS SHALL BE INSTALLED PER THE RECOMMENDATIONS OF POST-TENSIONING INSTITUTE'S CONSTRUCTION AND MAINTENANCE PROCEDURES MANUAL FOR SLAB-ON-GROUND CONSTRUCTION, LATEST EDITION.

- 15. PROVIDE PERIMETER REINFORCING BARS ALONG THE EDGES OF THE SLAB AT ANCHORAGES. REINFORCING BARS SHALL BE PROVIDED AT ALL EDGES AT BOTH DEAD ENDS AND LIVE STRESSING ENDS OF TENDONS.
- 16. CONCRETE: CONCRETE SHALL BE 3500 PSI WITH 3/4" AGGREGATE AS SPECIFIED IN ASTM C-150. CALCIUM CHLORIDE OR OTHER MATERIALS CONTAINING CHLORIDES ARE NOT PERMITTED AS ADMIXTURES. SLAB THICKNESS SHALL BE 5" MINIMUM AND SHALL BE POURED IN THE SEQUENCE COINCIDING WITH THE POUR NUMBER AND LAYOUT SHOWN.
- 17. COMPRESSIBLE EXPANSION JOINT MATERIAL OR FILLER WITH A MINIMUM THICKNESS OF 1 INCH SHALL BE WRAPPED AROUND THE FENCE POSTS, NET POST AND POLE FOUNDATIONS FOR THE FULL DEPTH OF THE PENETRATIONS THROUGH THE COURT SLAB. THE MATERIAL MUST BE CAPABLE OF MAINTAINING THE MINIMUM 1 INCH DIMENSION DURING CONCRETE PLACEMENT
- 18. AFTER FORMS ARE REMOVED AND CONCRETE HAS REACHED A MINIMUM OF 2400 PSI, TENSIONING PROCEDURE MAY BE APPLIED ACCORDING TO PTI SPECIFICATIONS.
- 19. STRESSING POCKETS SHALL BE FILLED WITH NON-SHRINK GROUT WITHIN ONE DAY AFTER TENDON ACCEPTANCE AND CUTTING
- 20. NON-SHRINK GROUT SHALL CONSIST OF A HIGH STRENGTH GROUT AND SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 8000 PSI. GROUT SHALL BE A NON-FERROUS MATERIAL BLENDED OF CAREFULLY GRADED SILICA AGGREGATE, SELECT PORTLAND CEMENT AND EXPANSIVE AGENTS OR ADMIXTURES.
- 21. GROUT SHALL BE MIXED, PLACED AND CURED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. PLACEMENT SHALL BE IN A MANNER AS TO PREVENT OR AVOID AIR POCKETS OR VOIDS
- 22. SURFACE COURSE: THE COLOR FINISH SHALL BE IN THE SELECTED AND APPROVED BY OWNER. SEE PROJECT SPECIFICATIONS.
- 23. THE CONTRACTOR SHALL SURVEY, MARK, AND APPLY 2" WIDE, WHITE PLAYING LINES ACCORDING TO THE UNITED STATES TENNIS ASSOCIATION SPECIFICATIONS. BASE LINE SHALL BE 4" WIDE.
- 24. NETS: SEE SPECIFICATIONS.
- 25. NET POSTS: SEE SPECIFICATIONS.

COLOR COAT (SEE SPECIFICATION)

一分"Ø POST-TENSIONED STRAND

1. SUBGRADE SHALL BE COMPACTED TO 95% STANDARD

2. GRAVEL BASE SHALL BE COMPACTED TO AT LEAST 95%

MAXIMUM DRY DENSITY AS DETERMINED BY ASTM

PROCTOR DENSITY.

D1557, METHOD C.

POST-TENSIONED SLAB SECTION

SCALE: $\frac{3}{4}$ "=1'-0"

- TENDON SUPPORT CHAIRS AT EACH STRAND CROSSING

-5" THICK POST-TENSIONED CONCRETE SLAB

26. CONTRACTOR SHALL PROVIDE SHOP-DRAWINGS PRIOR TO START OF WORK, PRODUCED AND SIGNED BY A POST TENSION ENGINEER. ANY CHANGES TO THE DESIGN STRAND SPACING OR LAYOUT MUST BE ACCOMPANIED BY DESIGN CALCULATIONS AND CONSTRUCTION SEQUENCE.

Revisions

ISSUED FOR CONSTRUCTION 12/16/2021

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Project



New Tennis Courts: Longbrook Park

Glendale Road & Prim Street Stratford, CT

Drawing Title

SITE DETAILS

12/16/2021

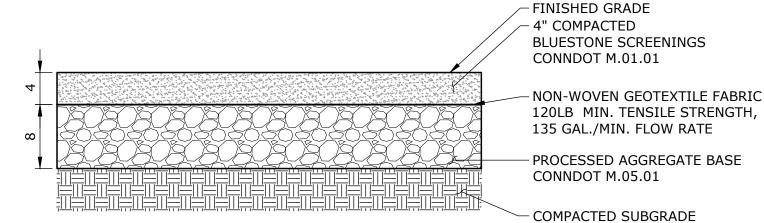
Drawing No.

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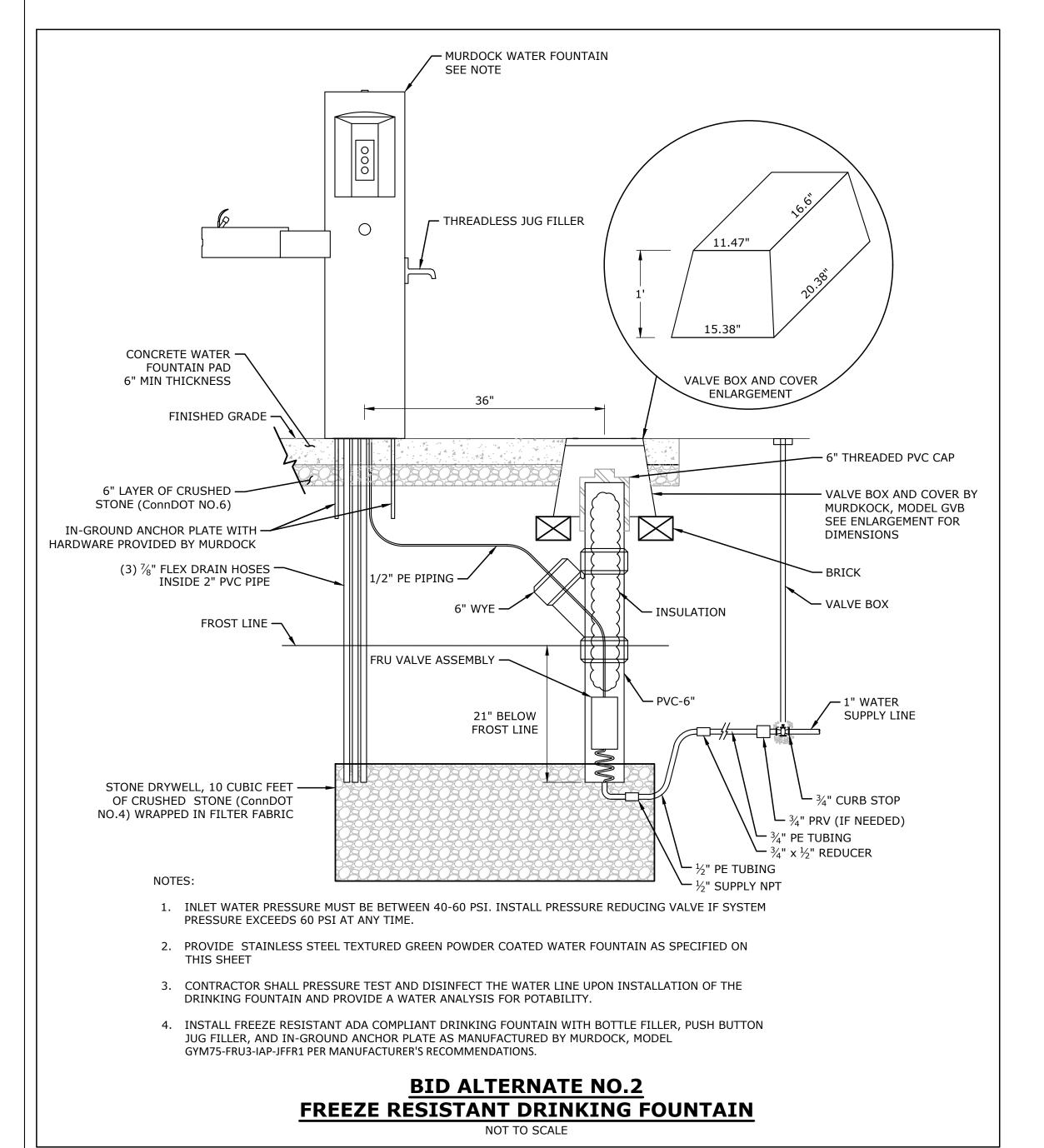
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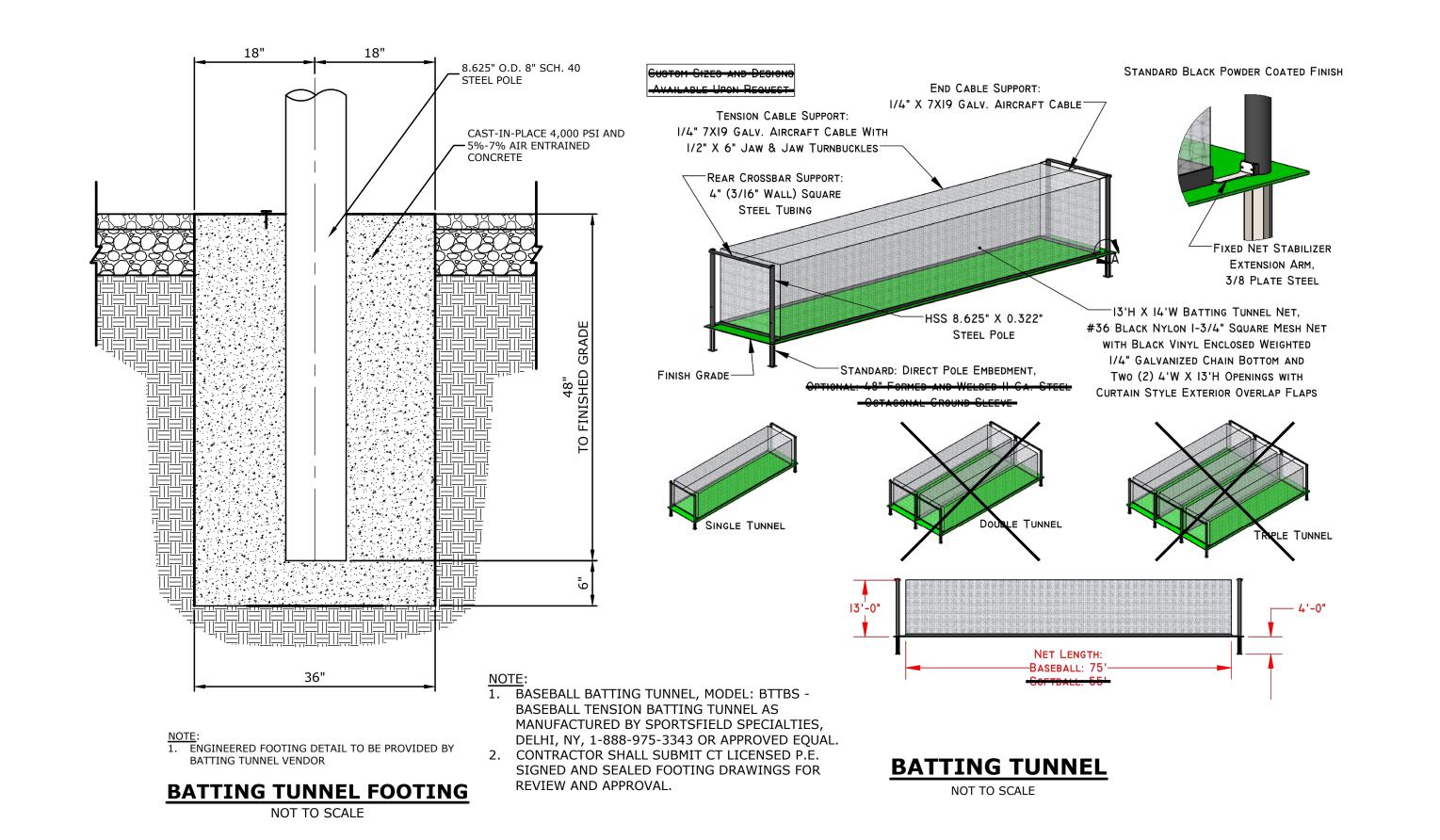
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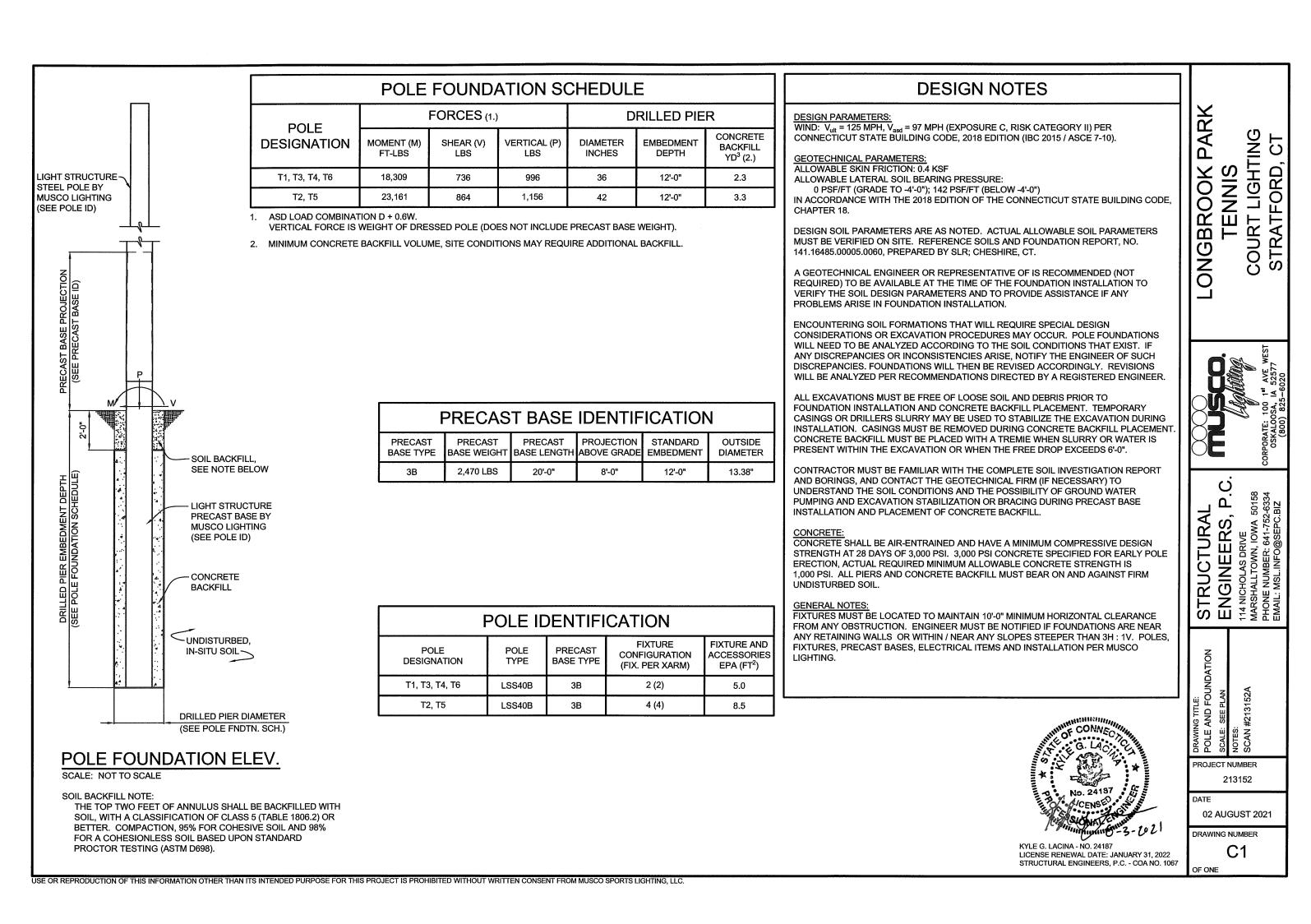
FLUSH TIMBER CURB NOT TO SCALE



STONE DUST PAVEMENT







Revisions 12/16/2021 ISSUED FOR CONSTRUCTION SNYDER ARCHITECTS, LLC Architecture . Planning . Construction Management Trumbull, CT 203-243-3346 info@snyderarchitects.com Civil Engineer 99 Realty Drive Cheshire, CT (203) 271-1773 Electrical Engineer SG Engineering, LLC Southington, CT (203) 215-9448 Project Longbrook Park Stratford, CT Drawing Title



New Tennis Courts:

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LIGHT POLE FOUNDATION